

Date: Wednesday, 30/07/2008 5:28:11 PM  
 User: Julie Lecocq

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services			Drawing Name	: AFT FACING SEAT, LH		
Job Number	: 40811			Part Number	: D412769041		
Estimate Number	: 13462			Drawing Number	: IIN412-769 REV B		
P.O. Number	:			Project Number	: N/A		
This Issue	: 30/07/2008	S.O. No.	:	Drawing Revision	: B		
Prsht Rev.	: NC			Material	:		
First Issue	: / /	Type	: SMALL /MED FAB	Due Date	: 22/08/2008		Qty: 1 Um: Each
Previous Run	: 40810						
Written By	:						
Checked & Approved By	: JUD 08-7-31						
Comment	: Est rev A 08-07-17 new issue DD verified by:EC						

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :	
1.0	DC	DOCUMENT CONTROL	
		Comment: DOCUMENT CONTROL Photocopy bluefile & type labels per PPP D412-769-041 CHG 001	N/A
2.0	D412769043	Aft Facing Seat Assembly, LH	
		Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s) Aft Facing Seat Assembly, LH batch: 40823	SS 08/09/18 (X)
3.0	D412724041	Head Rest Assembly, Center	
		Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s) Head Rest Assembly, Center batch: 40817 -2	SS 08/09/18 (X)
4.0	D412724043	Head Rest Assembly, LH	
		Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s) Head Rest Assembly, LH batch: 40818 -2	SS 08/09/18 (X)
5.0	QC4	INSPECT 100% KITS FOR COMPLETENESS	
		Comment: INSPECT 100% KITS FOR COMPLETENESS	SS 08/09/18 (X)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Wednesday, 30/07/2008 5:28:11 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: AFT FACING SEAT, LH

Job Number: 40811

Part Number: D412769041

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

6.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D412-769-041

Location: \_\_\_\_\_

PPP Rev: \_\_\_\_\_

PPP 4 0806

AS 08/09/18 (X)

7.0	QC21	FINAL INSPECTION/W/O RELEASE
-----	------	------------------------------



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



-MF 68-09-18

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

#### 4. WEIGHT AND BALANCE

The following is the weight increase associated with the D412-769-XXX Kits. The installer is responsible for the weight of the equipment coming out of the helicopter in order to install the D412-769-XXX Aft Facing Seat kits.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D412-769-011 Aft Facing Seat kit	60.0 lb 27.2 kg	0.0 in 0.0 m	0.00 in-lb 0.00 m-kg	87.0 in 2.21 m	5220 in-lb 60.11 m-kg
D412-769-041 Aft Facing Seat, LH (normal position)	30.0 lb 13.6 kg	-16.1 in -0.41 m	-483.0 in-lb -5.58 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-042 Aft Facing Seat, RH (normal position)	30.0 lb 13.6 kg	+16.1 in +0.41 m	+483.0 in-lb +5.58 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-041 Aft Facing Seat, LH (center position)	30.0 lb 13.6 kg	-1.1 in -0.03 m	-33.0 in-lb -0.41 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-042 Aft Facing Seat, RH (center position)	30.0 lb 13.6 kg	+1.1 in +0.03 m	+33.0 in-lb +0.41 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-041 Aft Facing Seat, LH (right Position)	30.0 lb 13.6 kg	+13.9 in +0.35 m	+417.0 in-lb +4.76 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-042 Aft Facing Seat, RH (left Position)	30.0 lb 13.6 kg	-13.9 in -0.35 m	-417.0 in-lb -4.76 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg

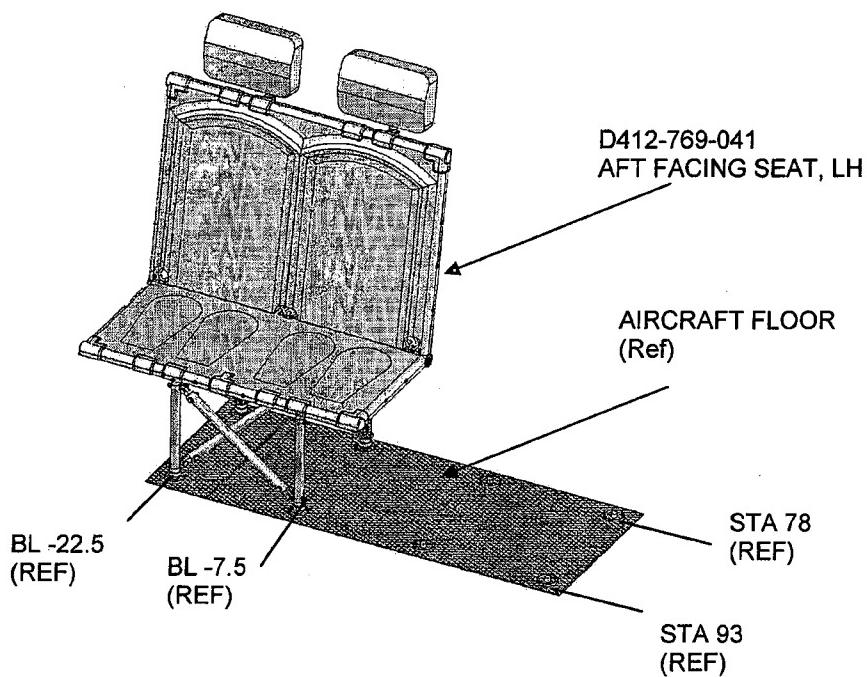
#### 5. PARTS LIST

Qty -011	Qty -041	Qty -042	Part Number	Description
X			D412-769-011	AFT FACING SEAT KIT
1	X		D412-769-041	AFT FACING SEAT, LH
1		X	D412-769-042	AFT FACING SEAT, RH
1			D412-769-043	AFT FACING SEAT ASSEMBLY, LH
	1		D412-769-044	AFT FACING SEAT ASSEMBLY, RH
1	1		D412-724-041	HEAD REST ASSEMBLY, CENTER
1			D412-724-043	HEAD REST ASSEMBLY, LH
	1		D412-724-044	HEAD REST ASSEMBLY, RH

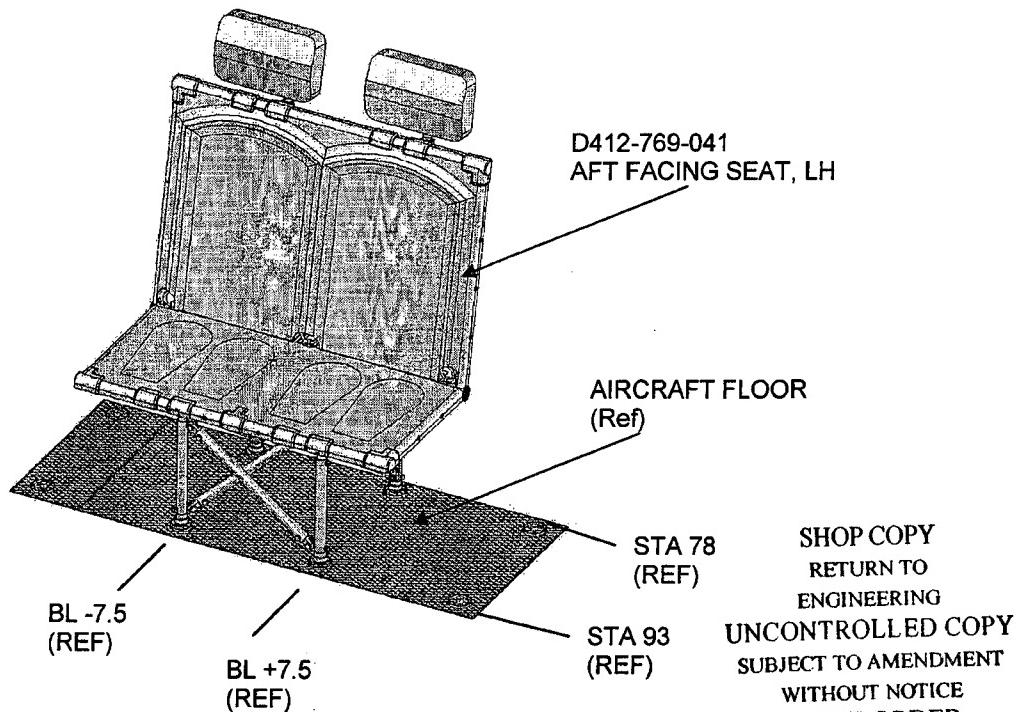
SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 40811

• COPYRIGHT © 2008 BY DART AEROSPACE LTD •  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED  
OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: B  
Date: 08.06.24



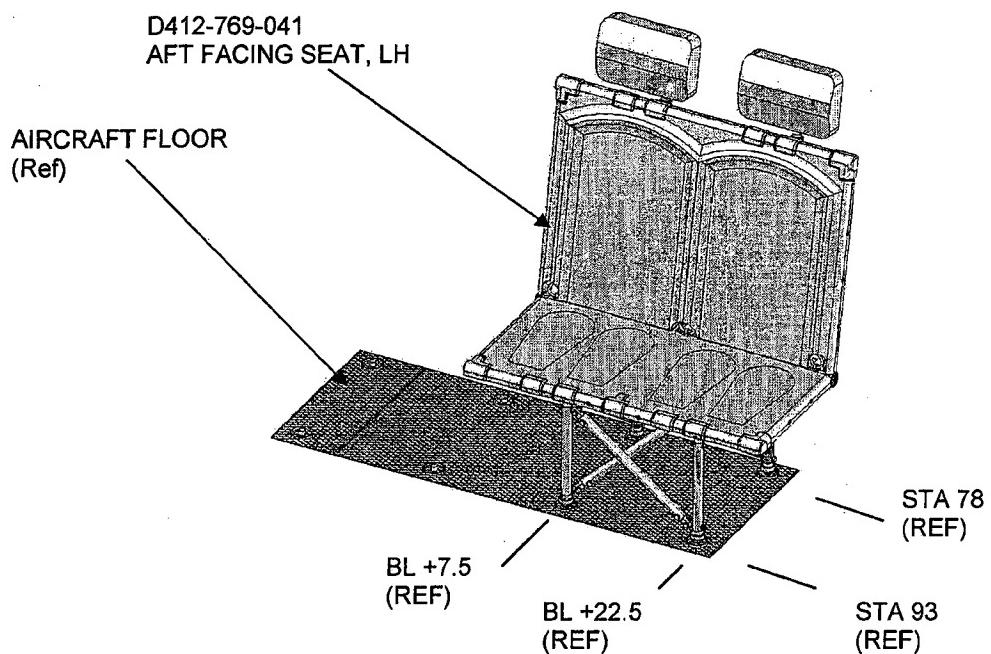
**FIGURE 3:** D412-769-041 Aft Facing Seat, LH  
(LH Installation)



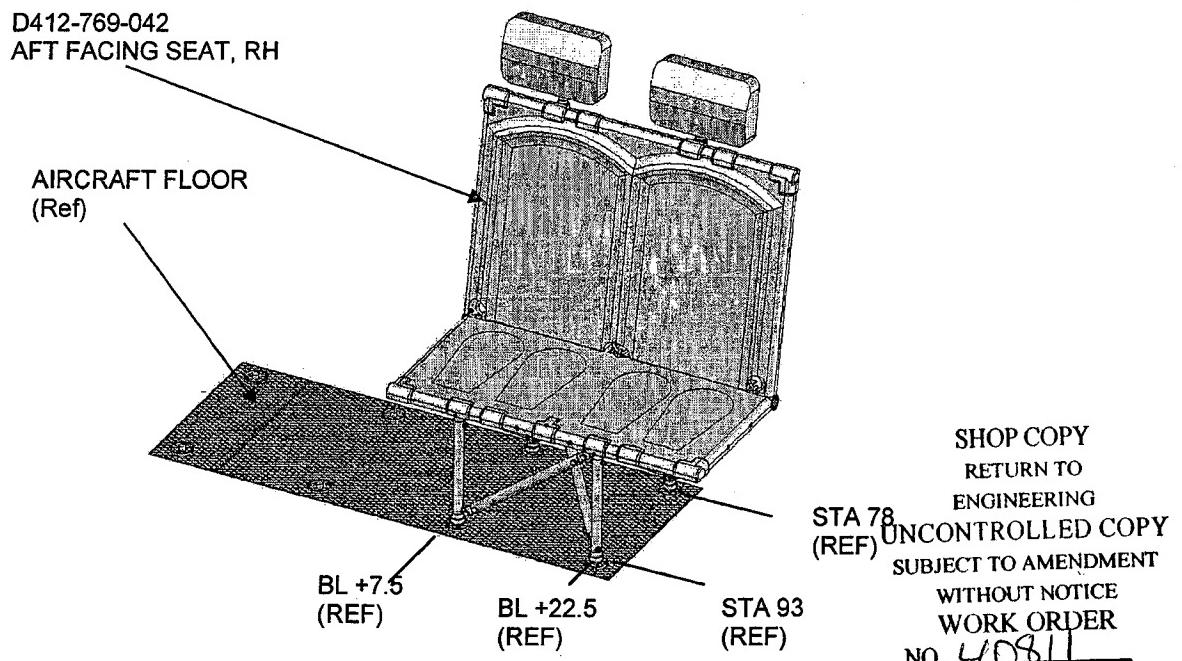
**FIGURE 4:** D412-769-041 Aft Facing Seat, LH  
(Center Installation)

• COPYRIGHT © 2008 BY DART AEROSPACE LTD •  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED  
OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **B**  
Date: 08.06.24



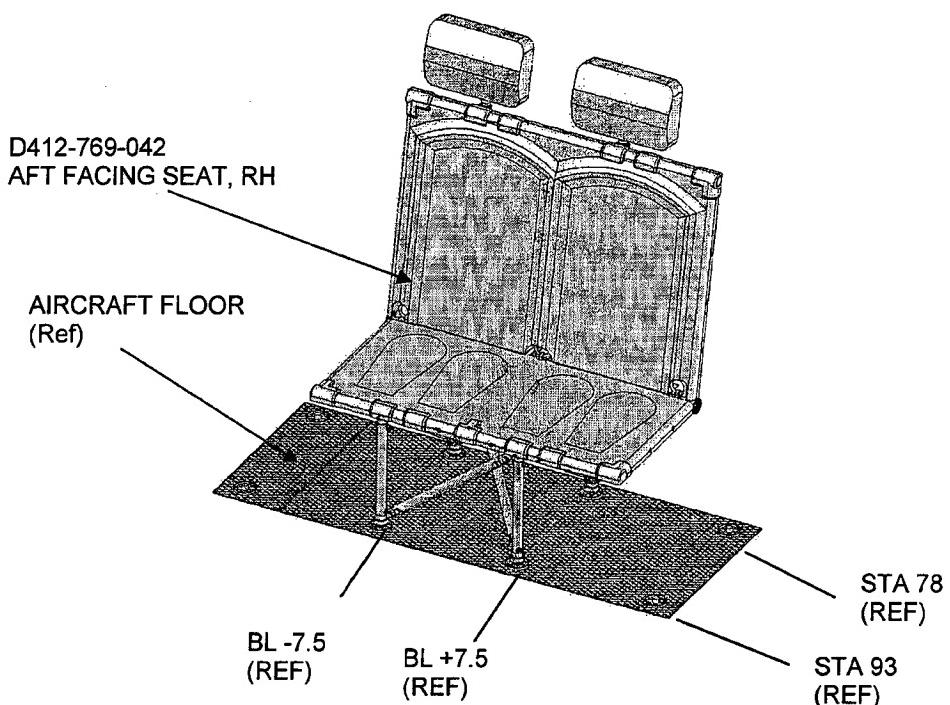
**FIGURE 5: D412-769-041 Aft Facing Seat, LH  
(RH Installation)**



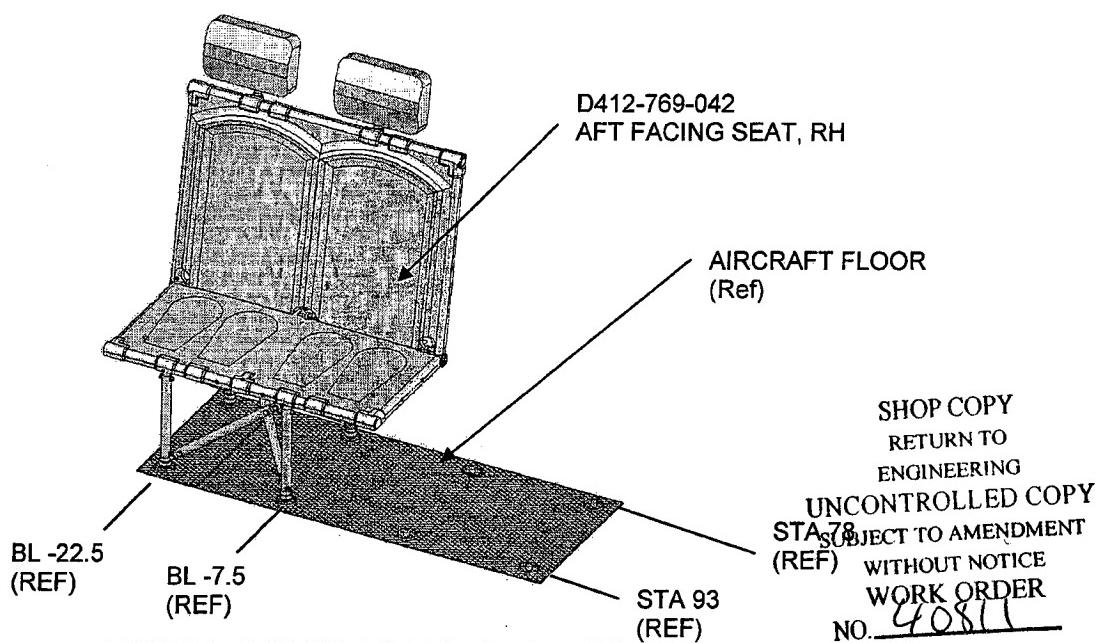
**FIGURE 6: D412-769-042 Aft Facing Seat, RH  
(RH Installation)**

• COPYRIGHT © 2008 BY DART AEROSPACE LTD •  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: B  
Date: 08.06.24



**FIGURE 7:** D412-769-042 Aft Facing Seat, RH  
(Center Installation)



**FIGURE 8:** D412-769-042 Aft Facing Seat, RH  
(LH Installation)

• COPYRIGHT © 2008 BY DART AEROSPACE LTD •  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED  
OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **B**  
Date: 08.06.24